



PATENT
ATTORNEY DOCKET NO. 01948/069003

Certificate of Mailing: Date of Deposit: June 28, 2004

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jennifer Tran
Printed name of person mailing correspondence

[Signature]
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ike W. Lee et al	Art Unit:	1634
Serial No.:	10/780,120	Examiner:	Not yet assigned
Filed:	February 17, 2004	Customer No.:	21559
Title:	CARDIAC-CELL SPECIFIC ENHANCER ELEMENTS AND USES THEREOF		

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the enclosed Form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

Under 35 U.S.C. § 120, this application relies on the earlier filing date of application serial number 09/761,466, which was filed on January 16, 2001. All of the

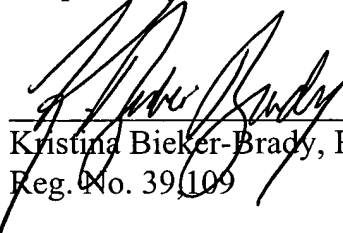
references listed in the Form PTO-1449 were submitted to and/or cited by the Office in the prior application and, therefore, copies of these references are not provided for this application. This statement is being filed before the receipt of a first Office action on the merits.

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

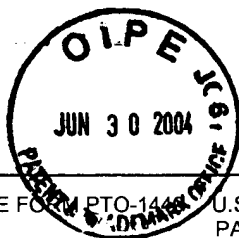
Date:

June 28, 2004



Kristina Bieker-Brady, Ph.D.
Reg. No. 39,109

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

Sheet 1 of 2

SUBSTITUTE FORM PTO-1448 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. §1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	01948/069003
		Serial No.	10/780,120
		Applicant	Ike W. Lee et al.
		Filing Date	February 17, 2004
		Group	1634
		IDS Filed	June 28, 2004
		Customer No.	21559

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 96/02552	01/02/96	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

	Chen et al., "Identification of Novel DNA Binding Targets and Regulatory Domains of a Murine <i>Tinman</i> Homeodomain Factor, <i>nkx-2.5</i> " <i>J. Biol. Chem.</i> 270:15628-15633 (1995)
	DOE Joint Genome Institute, Database Genbank, Accession Number AC008412 (2000)
	Edmondson et al., " <i>Mef2</i> Gene Expression Marks the Cardiac and Skeletal Muscle Lineages During Mouse Embryogenesis" <i>Development</i> 120:1251-1263 (1994)
	Fishman et al., "Parsing the Heart: Genetic Modules for Organ Assembly" <i>Cell</i> 91:153-156 (1997)
	Heikinheimo et al., "Localization of Transcription Factor GATA-4 to Regions of the Mouse Embryo Involved in Cardiac Development" <i>Dev. Biol.</i> 164:361-373 (1994)
	Kelley et al., "GATA-4 is a Novel Transcription Factor Expressed in Endocardium of the Developing Heart" <i>Development</i> 118:817-827 (1993)
	Komuro et al., " <i>Csx</i> : A Murine Homeobox-Containing Gene Specifically Expressed in the Developing Heart" <i>Proc. Natl. Acad. Sci. USA</i> 90:8145-8149 (1993)
	Lamerdin et al., "Sequence Analysis of a 3.5 Mb Contig in Human 19p13.3 Containing a Serine Protease Gene Cluster" Database Genbank, Accession Number AC006505 (1999)
	Lints et al., " <i>Nkx-2.5</i> : A Novel Murine Homeobox Gene Expressed in Early Heart Progenitor Cells and Their Myogenic Descendants" <i>Development</i> 119:419-431 (1993)
	Lyons, "Vertebrate Heart Development" <i>Curr. Opin. Genet. Dev.</i> 6:454-460 (1996)
	Mohun et al., "Early Steps in Vertebrate Cardiogenesis" <i>Curr. Opin. Genet. Dev.</i> 7:628-633 (1997)
	Oka et al., "Autoregulation of Human Cardiac Homeobox Gene <i>CSX1</i> : Mediation by the Enhancer Element in the First Intron" <i>Heart Vessels</i> 12:10-14 (1997)
	Olsen et al., "Molecular Pathways Controlling Heart Development" <i>Science</i> 272:671 (1996)
	Schwartz et al., "Building the Heart Piece by Piece: Modularity of <i>cis</i> -elements Regulating <i>Nkx2-5</i> Transcription: <i>Development</i> 126:4187-4192 (1999)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE	Attorney Docket No. 01948/069003
	Serial No. 10/780,120
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Ike W. Lee et al.
(Use several sheets if necessary)	Filing Date February 17, 2004
	Group 1634
(37 C.F.R. §1.98(b))	IDS Filed June 28, 2004
	Customer No. 21559

	Shiojima et al., "Molecular Cloning and Characterization of Human Cardiac Homeobox Gene CSX1" <i>Circ. Res.</i> 79:920-929 (1996)
	Strausberg, "National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index" Database Genbank, Accession Number AA994279 (1998)
	Tanaka et al., "Complex Modular <i>cis</i> -acting Elements Regulate Expression of the Cardiac Specifying Homeobox Gene <i>Csx/Nkx2.5</i> " <i>Development</i> 126:1439-1450 (1999)
	Tanaka et al., "Vertebrate Homologs of <i>Tinman</i> and <i>Bagpipe</i> : Roles of the Homeobox Genes in Cardiovascular Development" <i>Dev. Genet.</i> 22:239-249 (1998)
	Turbay et al., "Molecular Cloning, Chromosomal Mapping, and Characterization of the Human Cardiac-Specific Homeobox Gene <i>hCsx</i> " <i>Molec. Med.</i> 2:86-96 (1996)
	GenBank Accession Number AC008412.1, DOE Joint Genome Institute, submitted August 3, 1999
	GenBank Accession Number AC008412.2, DOE Joint Genome Institute, submitted August 3, 1999, replaced AC008412.1 on December 18, 1999
	Genbank Accession Number Z64004.1, submitted October 16, 1995
	Genbank Accession Number AAQ79353, submitted June 5, 1995

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	